

Granat Diesel Spill
3885 Road Z
Redway, California
Case No. 1NHU762

Notice of Proposed No Further Action related to petroleum hydrocarbon discharge.
Comment Period ends **May 17, 2003**

Problem Description:

The Granat Diesel Spill site is located at a private residence in the mountains west of Redway in southern Humboldt County. The spill involved the release of an estimated 700 gallons of diesel fuel from a 1,000-gallon aboveground storage tank that fell off the stand in April 2000. The spilled diesel fuel migrated downward through the fractured rock subsurface and into groundwater. Diesel fuel seeped out of rock fractures and discharged into Little Seely Creek, tributary to Redwood Creek, a tributary of the South Fork Eel River.

Interim Actions Completed:

Several actions were taken following discovery of the spill to capture diesel in the creek and minimize the spread of contamination further downstream. These actions included the use of adsorbent pads and booms, installation of an extraction trench downstream of the spill, and piping the creek around the impacted area. Contaminated soil was also excavated from the spill area to the extent feasible.

A groundwater extraction well was installed in the spill area and groundwater was found to contain high concentrations of diesel. Lower concentrations of gasoline constituents were also detected and are believed to be due to some mixing of gasoline with diesel in the delivery truck. Contaminated groundwater was pumped from the extraction well and piped downhill to a carbon filtration system. A series of collection sumps and piping was also installed in the creek channel to transport contaminated water to the carbon filtration system. The discharge of treated water has been regulated by Waste Discharge Requirements. The extraction sumps and piping system in the creek were damaged by high winter flows sometime near the end of 2002 and the pump in the extraction well also stop operating due to maintenance issues.

There are no longer any noticeable petroleum odor or visible petroleum contamination in the creek channel. However, there is one seep on the bank above the creek flows during high groundwater and is known to still contain detectable concentrations of diesel and gasoline constituents. However, no diesel or gasoline constituents have been detected in samples of the creek for over two years. The consultant for the site has reported that rebuilding the cleanup system would not be cost effective or provide additional protection to the environment.

Proposed Action:

This site is proposed for no further action.

MtBE Status: The highest concentration of MtBE detected at the site was 11 parts-per-billion in a sample from the extraction well. MtBE was not detected in samples collected from Little Seely Creek.

Unless comments are received with significant new information, Regional Water Board staff plans to concur with no further action upon conclusion of the comment period. For further information regarding this site, please contact Dean Prat at (707) 576-2801.